

Application No. 10/683,760
October 10, 2005
Page 2 of 9

Docket No. CS23797RA - Bi

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-9. (canceled)

10. (Currently Amended) A method for estimating wireless broadcast service quality on a broadcast channel comprising the steps of:

receiving a service parameter message with a broadcast content service identifier associated with a broadcast channel;

determining a quality indicator threshold from the service parameter message;

measuring a pilot signal-to-noise ratio (C/I_{PICH}) of an associated signal to form a calculated quality indicator " E_b/N_t " by multiplying C/I_{PICH} by a spreading factor S and the D2P~~measuring a quality indicator to form a calculated quality indicator;~~ and

comparing the calculated quality indicator to the quality indicator threshold.

11. (Currently Amended) A method according to claim 10 wherein the step of determining comprises:

extracting the quality indicator threshold from the service parameter message.

12. (Original) A method according to claim 11 wherein the step of extracting comprises:

obtaining a signal-to-noise ratio (SNR) threshold and a data to pilot ratio (D2P).

13. (Canceled)

Application No. 10/683,760
October 10, 2005
Page 3 of 9

Docket No. CS23797RA - Bi

14. (Original) A method according to claim ~~10~~¹³ wherein the step of comparing comprises:

determining if the E_b/N_t is less than the SNR threshold.

15. (Original) A method according to claim 11 wherein the step of extracting comprises:

obtaining a pilot signal-to-noise ratio (C/I_{PICH}) threshold.

16. (Currently Amended) A method according to claim 15, wherein the step of measuring comprises:

measuring ~~the~~ pilot signal-to-noise ratio (C/I_{PICH}) of the associated channel to form a calculated quality indicator "measured C/I_{PICH} ."

17. (Original) A method according to claim 16 wherein the step of comparing comprises:

determining if the measured C/I_{PICH} is greater than the C/I_{PICH} threshold.

18. (Original) A method according to claim 10 wherein the step of determining comprises:

obtaining the quality indicator threshold, associated with the service identifier, from a table in a memory.

19. (Original) A method according to claim 18 wherein the quality indicator threshold is a signal-to-noise ratio (SNR) threshold and a data to pilot ratio (D2P).

20. (Original) A method according to claim 18 wherein the quality indicator threshold is a pilot signal-to-noise ratio (C/I_{PICH}) threshold.

Application No. 10/683,760
October 10, 2005
Page 4 of 9

Docket No. CS23797RA - Bi

21. (Original) A method according to claim 10 further comprising the step of:
presenting a result of the step of comparing in a user interface.
22. (Original) A method according to claim 21 wherein the step of presenting
comprises:
displaying a label associated with the service identifier; and
displaying an indicator indicating whether the calculated quality indicator is less
than the quality indicator threshold.
23. (Original) A method according to claim 21 further comprising the step of:
displaying an indicator indicating whether the calculated quality indicator is
greater than the quality indicator threshold.
- 24-27. (Canceled)